To: Naranjo, Eugenia[Naranjo.Eugenia@epa.gov]; Franklin, Elizabeth A

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Cc: Brian Mikucki[bmikucki@tierrasolutionsinc.com]

From: Clifford Firstenberg

Sent: Tue 10/18/2016 5:00:30 PM

Subject: Logistics update

I spoke with Eugenia a few minutes ago and told her I would update the team on our conversation.

In pulling our inventory of excess core liner stored at Lister, it turns out it is 3 5/8 OD liner that we used with OSI's vibracorer. ARCADIS' vibracorer, however, needs a minimum 3 ¾ OD liner, so we just hit a brick wall as far as starting on Thursday. We are pursuing the following options:

- 1. Traditional approach: we are getting info on lead time to get new core liner and caps for the traditional approach of a single barrel core of nominal 4-inch diameter.
- 2. Multi-liner: based on Eugenia's email and info from ASI regarding multiple cores at one time, we may be able to take advantage of an overstock of 3-inch liner that ARCADIS has in Syracuse that we could use as described by ASI.

As the afternoon progresses, I will keep everyone updated.

Len – can you get more info from ASI about how they affix the valves at the top of the liners?

Thanks Cliff

Clifford E. Firstenberg

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